Collection System Sewage Spills - July 2000

	Start	Sanitary	Pump	Total		# Fish		
Permitee	Date	Sewer	Station	Estimate	Surface Water Name	Killed	Street Name	Comments
McAlpine Creek WWTP	7/10/00	TRUE	FALSE	11700	Four Mile Creek trib	0	9935 Whitethorn Ln	Main line blockage due to roots in off-street line. Has been added to cleaning program.
								Location added to cleaning cycle. Spill went into storm drain system and was flushed, plus heavy
Sugar Creek WWTP	7/12/00	TRUE	FALSE	2650	Briar Creek trib	0	4466 Woodlark Ln	rainfall helped to flush storm system even more.
								CMU force mains and other sewer lines are occasionally damaged by drilling contractors. CMU
McAlpine Creek WWTP	7/14/00	TRUE	FALSE	1790	Mountain Island Lake	0	2816 Shady Reach Ln	responds as soon as we are notified.
								Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
McAlpine Creek WWTP	7/20/00	TRUE	FALSE	2650	McAlpine Creek trib	0	3000 Pennridge PI	considerably less.
McAlpine Creek WWTP	7/24/00	TRUE	FALSE	3000	McAlpine Creek trib	0	4500 Drifter Dr	Added to cleaning cycle.
McAlpine Creek WWTP	7/26/00	TRUE	FALSE	250	McMullen Creek trib	0	5601 Doncaster Dr	Main to be added to cleaning cycle.
								Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
Mallard Creek WWTP	7/31/00	TRUE	FALSE	200	Clarks Creek trib	0	3725 Radbourne Bv	considerably less.

Total Estimated Gallons = 22,240 July 2000

Spill Report for WWTP's

				Fish		
WWTP	Date	Total Volume of Spill	Amount of Spill to Creek	Kill	Level of Treatment	Cause
Irwin Creek WWTP	7/5/00	500	50	No	Fully Treated without Disinfection	Backwash basin overflowed
Irwin Creek WWTP	7/17/00	5000	3000	No	Fully Treated without Disinfection	Non-potable water hydrant tapping gasket blew out causing the spill

Total Gallons = 5500 3050 July 2000

Collections System Sewage Spills - August 2000

	Start	Sanitary	Pump	Total		# Fish		
Permitee	Date	Sewer	Station	Estimate	Surface Water Name	Killed	Street Name	Comments
								Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
McAlpine Creek WWTP	8/4/00	TRUE	FALSE	200	McAlpine Creek trib	0	7210 Rollingridge Dr	considerably less.
								Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
Sugar Creek WWTP	8/6/00	TRUE	FALSE	7950	Sugar Creek trib	0	1323 Townes Rd	considerably less.
								Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
Sugar Creek WWTP	8/6/00	TRUE	FALSE	320	Briar Creek trib	0	4140 Larkspur Ln	considerably less.
								Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
Sugar Creek WWTP	8/8/00	TRUE	FALSE	27600	Briar Creek trib	0	3500 Shamrock Dr	considerably less.
								Power outage. Influent flow rate is .5" / min. Wet well is 10' diameter, which equals 48.9 gal / inch.
McAlpine Creek WWTP	8/9/00	FALSE	TRUE	58800	Sugar Creek Big trib	0	16792 Lancaster Hy	Therefore, influent flow rate is 24.5 gpm. 24.5 X 60 min X 40 hrs = 58,600 gal.
								Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
McAlpine Creek WWTP	8/15/00	TRUE	FALSE	400	Irwin Creek trib	0	4000 S I-85 Service Rd	considerably less.
								Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
McAlpine Creek WWTP	8/15/00	TRUE	FALSE	8000	McMullen Creek trib	0	9136 Winged Bourne Rd	considerably less.
								Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
Sugar Creek WWTP	8/17/00	TRUE	FALSE	1500	Sugar Creek Little trib	0	500 Beechway Cr	considerably less.
	0/4=/00	TD.						Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
McAlpine Creek WWTP	8/17/00	TRUE	FALSE	13250	McMullen Creek trib	0	3319 Gresham Pl	considerably less.
M. Alaisa Osaal MAATTO	0/40/00	E41.0E	TOUT	04000	Decil Constant		7000 PL # P. I	Power failure due to severe wind storm. Calculated spill volume assumes TOTAL blockage of pipe
McAlpine Creek WWTP	8/18/00	FALSE	TRUE	91800	Reedy Creek trib	0	7320 Plott Rd	line. {On the ground} volume may be considerably less.
M. Alaisa Osaal MAATTO	0/40/00	TDUE	E41.0E	4005	M.M. II		47041444	Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
McAlpine Creek WWTP	8/19/00	TRUE	FALSE	1325	McMullen Creek trib	0	4734 Water Oak Rd	considerably less. Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
Corres Correl MAATE	0/04/00	TOUT	FALSE	200	Comman Command Little Arib		4000 F 40th Ct	
Sugar Creek WWTP	8/21/00	IKUE	FALSE	300	Sugar Creek Little trib	0	1008 E 10th St	considerably less. Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
McAlpine Creek WWTP	8/21/00	TDITE	FALSE	2650	Sugar Creek Little trib	0	2024 Edgewater Dr	considerably less.
WCAIPINE Creek WWTF	6/21/00	INUE	FALSE	2000	Sugar Creek Little trib	0	2024 Eugewaler Di	Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
Irwin Creek WWTP	8/21/00	TDITE	FALSE	1000	Taggart Creek trib	0	5000 Jackson Dr	considerably less.
IIWIII CIEEK WWIII	0/21/00	INOL	IALOL	1000	raggart Creek trib	- 0	3000 Jackson Di	Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
Sugar Creek WWTP	8/24/00	TRUE	FALSE	15850	Sugar Creek Little trib	0	1000 Otts St	considerably less.
Cugar Creck WWTT	0/2-1/00	INCL	TALOL	10000	Odgar Orook Entre trib		1000 0110 01	Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
Mallard Creek WWTP	8/26/00	TRUE	FALSE	300	Doby Creek trib	0	8809 J W Clay Bv	considerably less.
manara orosii ii ii ii	0/20/00			000	Doby Crook the		sees on stay 2.	Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
Sugar Creek WWTP	8/30/00	TRUE	FALSE	1000	Little Hope Creek trib	0	400 Hartford Av	considerably less.
- agair cream record	0,00,00							Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
McAlpine Creek WWTP	8/30/00	TRUE	FALSE	1400	Paw Creek trib	0	1600 Weststone Dr	considerably less.
,								Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
Sugar Creek WWTP	8/30/00	TRUE	FALSE	800	McMullen Creek trib	0	2434 Valencia Tr	considerably less.
								Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
McAlpine Creek WWTP	8/30/00	TRUE	FALSE	600	McMullen Creek trib	0	3801 Bridgewood Ln	considerably less.
							_	Verified power failure & high water. Calculated spill volume assumes TOTAL blockage of pipe line.
McAlpine Creek WWTP	8/31/00	FALSE	TRUE	12000	Reedy Creek trib	0	7320 Plott Rd	{On the ground} volume may be considerably less.

Total Estimated Gallons = 247,045 August 2000

Spill Report for WWTP's

				Fish		
WWTP	Date	Total Volume of Spill	Amount of Spill to Creek	Kill	Level of Treatment	Cause
		•	•		Raw Wastewater that has had the	
Irwin Creek WWTP	8/9/00	300	300	No	solids settled out	End plate of the trickling filter arm popped open
Sugar Creek WWTP	8/18/00	125000	125000	No	None	Power Failure

Total Gallons = 125300 125300 August 2000

Collection System Sewage Spills - September 2000

		Sanitary		Total		# Fish		
Permitee	Date	Sewer	Station	Estimate	Surface Water Name	Killed	Street Name	Comments
								Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
McAlpine Creek WWTP	9/5/00	TRUE	FALSE	13250	Four Mile Creek trib	0	7604 British Gardens Ln	considerably less.
								Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
Sugar Creek WWTP	9/7/00	TRUE	FALSE	800	McAlpine Creek trib	0	5142 Red Cedar Ln	considerably less.
								Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
McAlpine Creek WWTP	9/15/00	TRUE	FALSE	200	McMullen Creek trib	0	5611 Robinhood Rd	considerably less.
								Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
Sugar Creek WWTP	9/16/00	TRUE	FALSE	400	Sugar Creek trib	0	5214 Chedworth Dr	considerably less.
								Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
Sugar Creek WWTP	9/18/00	TRUE	FALSE	400	Sugar Creek Little trib	0	1902 East Bv	considerably less.
								Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
Sugar Creek WWTP	9/19/00	TRUE	FALSE	1200	Sugar Creek Little trib	0	820 E 19th St	considerably less.
								Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
Irwin Creek WWTP	9/19/00	TRUE	FALSE	600	Stewart Creek trib	0	1400 Rosetta St	considerably less.
								Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
McAlpine Creek WWTP	9/20/00	TRUE	FALSE	1200	Ticer Branch trib	0	6949 Calton Ln	considerably less.
								Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
McAlpine Creek WWTP	9/20/00	TRUE	FALSE	2800	Flat Branch trib	0	16001 Bridgehampton Club Dr	considerably less.
								Excessive inflow/infiltration during storm event. Calculated spill volume assumes TOTAL blockage
								of pipe line. {On the ground} volume may be considerably less. An upgrade of the station is
McAlpine Creek WWTP	9/23/00	FALSE	TRUE	58860	Reedy Creek trib	0	7320 Plott Rd	planned, and is currently in the design phase.
								Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
McAlpine Creek WWTP	9/26/00	TRUE	FALSE	600	Paw Creek trib	0	6120 Eagle Peak Dr	considerably less.
								Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
Mallard Creek WWTP	9/26/00	TRUE	FALSE	1350	Mallard Creek trib	0	10500 David Taylor Dr	considerably less.
								Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
Irwin Creek WWTP	9/28/00	TRUE	FALSE	16600	Irwin Creek trib	0	1826 Cliffwood PI	considerably less.
								Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
Irwin Creek WWTP	9/28/00	TRUE	FALSE	400	Irwin Creek trib	0	2852 Willow St	considerably less.

Total Estimated Gallons = 98,660 September 2000

Collection System Sewage Spills - October 2000

	Start	Sanitary	Pump	Total		# Fish		
Permitee	Date		Station	Estimate	Surface Water Name	Killed	Street Name	Comments
								Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
Sugar Creek WWTP	10/2/00	TRUE	FALSE	800	Briar Creek trib	0	2023 Wilhelmina Av	considerably less.
								Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
Sugar Creek WWTP	10/3/00	TRUE	FALSE	400	Sugar Creek Little trib	0	627 Cooper Dr	considerably less.
							·	Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
McAlpine Creek WWTP	10/5/00	TRUE	FALSE	600	McMullen Creek trib	0	3811 Abingdon Rd	considerably less.
								Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
McAlpine Creek WWTP	10/6/00	TRUE	FALSE	1800	McAlpine Creek trib	0	1101 Court Dr	considerably less.
								Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
Sugar Creek WWTP	10/6/00	TRUE	FALSE	500	Sugar Creek Little trib	0	1635 Geneva Ct	considerably less.
								Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
Sugar Creek WWTP	10/6/00	TRUE	FALSE	500	Sugar Creek Little trib	0	1906 East Bv	considerably less.
								Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
Sugar Creek WWTP	10/6/00	TRUE	FALSE	800	Briar Creek trib	0	2544 Portland Av	considerably less.
								Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
Sugar Creek WWTP	10/6/00	TRUE	FALSE	600	Sugar Creek Little trib	0	2900 Westfield Rd	considerably less.
								Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
McAlpine Creek WWTP	10/10/00	TRUE	FALSE	400	Sugar Creek Little trib	0	1503 Tessava Ct	considerably less.
								Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
Sugar Creek WWTP	10/11/00	TRUE	FALSE	9600	Sugar Creek Little trib	0	409 Wakefield Dr	considerably less.
								Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
Irwin Creek WWTP	10/13/00	TRUE	FALSE	400	Irwin Creek trib	0	2500 Jefferson Davis St	considerably less.
								Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
McAlpine Creek WWTP	10/18/00	TRUE	FALSE	800	Sugar Creek Little trib	0	403 Dover St	considerably less.
								Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
McAlpine Creek WWTP	10/20/00	TRUE	FALSE	800	Sugar Creek Little trib	0	400 Edgegreen Dr	considerably less.
								Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
Sugar Creek WWTP	10/23/00	TRUE	FALSE	1000	Briar Creek trib	0	820 Villa Ct	considerably less.
	40/00/00	TD			5. 6		500 5	Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
Sugar Creek WWTP	10/23/00	TRUE	FALSE	3600	Briar Creek trib	0	3300 Eastover Ridge Rd	considerably less.
	40/05/00	TD						Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
Sugar Creek WWTP	10/25/00	TRUE	FALSE	400	Sugar Creek trib	0	1400 W Queens Rd	considerably less.
	40/05/00	TD						Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
McAlpine Creek WWTP	10/25/00		FALSE		Sugar Creek Little trib	0	6513 Wisteria Dr	considerably less.
McAlpine Creek WWTP	10/25/00	TRUE	FALSE	5850	Steele Creek trib	0	13300 Sam Neely Rd	Line has been inspected and cleaned, will be added to cleaning cycle.
M. AL.: O L. MAATED	40/00/00	TOUE	E41.0E	0000	T D 1		0004 16 - 1 - 1 - 1 - 1	Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
McAlpine Creek WWTP	10/26/00	IKUE	FALSE	2800	Tiger Branch trib	0	2931 Kanimbla Dr	considerably less.
M-DII OII MAATTO	40/00/00	TOUT	EAL 05	000	Malland Coast trib		2020 C	Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
McDowell Creek WWTP	10/26/00	IKUE	FALSE	600	Mallard Creek trib	0	3230 Granard Ln	considerably less.
Corres Correla MANTE	40/00/00	TOUE	EAL OF	4000	Daine Console trib	0	1000 Time DI	Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
Sugar Creek WWTP	10/26/00	IKUE	FALSE	4800	Briar Creek trib	0	4206 Tipperary PI	considerably less. Pipe has been repaired.

Total Estimated Gallons = 37,850 October 2000

Collection System Sewage Spills - November 2000

	Start	Sanitary	Pump	Total		# Fish		
Permitee	Date	Sewer	Station	Estimate	Surface Water Name	Killed	Street Name	Comments
								Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
Irwin Creek WWTP	11/2/00	TRUE	FALSE	4600	Taggart Creek trib	0	5000 Wilkinson Bv	considerably less.
								Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
Sugar Creek WWTP	11/3/00	TRUE	FALSE	400	Diary Branch trib	0	518 Ideal Wy	considerably less.
								Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
Sugar Creek WWTP	11/3/00	TRUE	FALSE	1000	Sugar Creek Little trib	0	5249 Murrayhill Rd	considerably less.
								Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
Sugar Creek WWTP	11/6/00	TRUE	FALSE	400	Sugar Creek Little trib	0	400 S McDowell St	considerably less.
								Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
Sugar Creek WWTP	11/6/00	TRUE	FALSE	400	Sugar Creek Little trib	0	6819 Park South Dr	considerably less.
								Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
Sugar Creek WWTP	11/7/00	TRUE	FALSE	4150	Briar Creek trib	0	2900 Central Av	considerably less.
								Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
McAlpine Creek WWTP	11/8/00	TRUE	FALSE	800	McAlpine Creek trib	0	7066 Rocky Falls Rd	considerably less.
								Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
McAlpine Creek WWTP	11/12/00	TRUE	FALSE	200	Irwin Creek trib	0	4144 Allwood Dr	considerably less.
								Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
Mallard Creek WWTP	11/13/00	TRUE	FALSE	6300	Mallard Creek trib	0	7826 Harrington Woods Rd	considerably less.
								Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
Irwin Creek WWTP	11/14/00	TRUE	FALSE	4575	Irwin Creek trib	0	300 N Irwin Av	considerably less.
								Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
Sugar Creek WWTP	11/14/00	TRUE	FALSE	400	Sugar Creek Little trib	0	1214 Montford Dr	considerably less.
								Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
Irwin Creek WWTP	11/15/00	TRUE	FALSE	800	Stewart Creek trib	0	2010 Thrift Rd	considerably less.
								Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
Irwin Creek WWTP	11/21/00	TRUE	FALSE	4225	Irwin Creek trib	0	300 S Mint St	considerably less.
								Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
McAlpine Creek WWTP	11/24/00	TRUE	FALSE	600	Campbell Creek trib	0	9009 E Harris Bv	considerably less.

Total Estimated Gallons = 28,850 November 2000

Collection System Sewage Spills - December 2000

	Start	Sanitary	Pump	Total		# Fish		
Permitee	Date	Sewer	Station	Estimate	Surface Water Name	Killed	Street Name	Comments
								Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
McAlpine Creek WWTP	12/1/00	TRUE	FALSE	3500	McAlpine Creek trib	0	7851 Winterset Dr	considerably less.
								Troubleshot #2 pump failure, found faulty emergency stop switch at motor. Repaired circuit & put
								#2 in service. Re-primed #1 pump & put back in service & tested ok. Contacted SCADA design
McAlpine Creek WWTP	12/4/00	FALSE	TRUE	229167	Walkers Branch trib	2	14800 Choate Cr	company (CITI) to determine why alarm was not received at main S
								Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
Sugar Creek WWTP	12/7/00	TRUE	FALSE	50	Briar Creek trib	0	700 Pierson Dr	considerably less.
								Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
Irwin Creek WWTP	12/7/00	TRUE	FALSE	2000	Irwin Creek trib	0	4100 Billy Graham Pk	considerably less.
								Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
McAlpine Creek WWTP	12/8/00	TRUE	FALSE	500	McMullen Creek trib	0	4410 Deepwood Dr	considerably less.
								Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
Sugar Creek WWTP	12/8/00	TRUE	FALSE	600	Briar Creek trib	0	5918 Ferndale PI	considerably less.
								Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
Irwin Creek WWTP	12/12/00	TRUE	FALSE	2650	Irwin Creek trib	0	221 N Cedar St	considerably less.
								Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
McAlpine Creek WWTP	12/12/00	TRUE	FALSE	400	McAlpine Creek trib	0	6813 Old Forge Dr	considerably less.
								Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
Irwin Creek WWTP	12/15/00	TRUE	FALSE	2700	Irwin Creek trib	0	300 N Irwin Av	considerably less.
								Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
Irwin Creek WWTP	12/18/00		FALSE	2650	Stewart Creek trib	0	3550 Braden Dr	considerably less.
Sugar Creek WWTP	12/20/00	TRUE	FALSE	200	Sugar Creek trib	0	200 N Church St	Not a running creek, unable to test.
								Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
McAlpine Creek WWTP	12/20/00		FALSE	200	Sugar Creek trib	0	7008 Rockledge Dr	considerably less.
McAlpine Creek WWTP	12/21/00		FALSE	600	Did not reach surface water.	0	8300 Woodgate Ln	Did not reach surface water.
McAlpine Creek WWTP	12/22/00		FALSE	5300	Did not reach surface water	0	138 Dovershire Rd	Did not reach surface water.
Mallard Creek WWTP	12/23/00	TRUE	FALSE	100	Toby Creek trib	0	1000 Chancellor Park Dr	Total duration time is not total time of spill.
McAlpine Creek WWTP	12/24/00	TRUE	FALSE	1325	McMullen Creek trib	0	3100 Mill Pond Rd	Total duration time is not total time of spill.
								Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
McAlpine Creek WWTP	12/24/00		FALSE	200	McAlpine Creek trib	0	6600 Folger Dr	considerably less.
McAlpine Creek WWTP	12/26/00		FALSE	400	McAlpine Creek trib	0	7500 Sardis Rd	Spill was not spilling for entire duration time.
Irwin Creek WWTP	12/27/00	TRUE	FALSE	20000	Irwin Creek trib	0	221 N Cedar St	Total duration time includes clean up.
								Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
McAlpine Creek WWTP	12/31/00	TRUE	FALSE	400	Tiger Branch trib	0	6450 Tuckaseegee Rd	considerably less.

Total Estimated Gallons = 272,942 December 2000

Spill Report for WWTP's

				Fish		
WWTP	Date	Total Volume of Spill	Amount of Spill to Creek	Kill	Level of Treatment	Cause
Irwin Creek WWTP	12/19/00	63000	0	No	Fully Treated without Disinfection	Non-potable wash water line ruptured

Total Gallons = 63000 0 December 2000

Collection System Sewage Spills - January 2001

	Start	Sanitary	Pump	Total		# Fish		
Permitee	Date		Station	Estimate	Surface Water Name	Killed	Street Name	Comments
								Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
Sugar Creek WWTP	1/9/01	TRUE	FALSE	200	Sugar Creek Little trib	0	400 N Alexander St	considerably less.
								Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
McAlpine Creek WWTP	1/11/01	TRUE	FALSE	400	McAlpine Creek trib	0	6115 Preston Ln	considerably less.
								Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
McAlpine Creek WWTP	1/13/01	TRUE	FALSE	400	Sugar Creek trib	0	2109 Wittstock Dr	considerably less.
								Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
Irwin Creek WWTP	1/13/01	TRUE	FALSE	400	Stewart Creek trib	0	2209 Abelwood Rd	considerably less.
								Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
McAlpine Creek WWTP	1/15/01	TRUE	FALSE	1600	McAlpine Creek trib	0	3800 Larkston Dr	considerably less.
								Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
McAlpine Creek WWTP	1/15/01	TRUE	FALSE	1200	Campbell Creek trib	0	6034 Idlebrook Dr	considerably less.
								Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
McAlpine Creek WWTP	1/16/01	TRUE	FALSE	2650	Campbell Creek trib	0	2100 Margaret Wallace Rd	considerably less.
								Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
								considerably less. NOTE: ORIGINAL TOTALS WERE CALCULATED ON 15" LINE, LINE SIZE
Irwin Creek WWTP	1/16/01	TRUE	FALSE	6225	Paw Creek trib	0	4839 Freedom Dr	WAS ACTUALLY 10".
								Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
McDowell Creek WWTP	1/16/01	TRUE	FALSE	2650	McDowell Creek trib	0	16500 Hollycrest Ln	considerably less.
								Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
McAlpine Creek WWTP	1/21/01	TRUE	FALSE	1400	McAlpine Creek trib	0	9139 East Orchard Ln	considerably less.
								Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
McAlpine Creek WWTP	1/21/01	TRUE	FALSE	1000	McAlpine Creek trib	0	11404 April Day Ln	considerably less.
								Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
								considerably less. Installed & tested high level alarm float wired directly to alarm dialer. Tested
McDowell Creek WWTP	1/21/01	FALSE	TRUE	400	Lake Norman	0	19630 Trintella Ln	high level alarm floats for dialers at all 59 stations
								Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
Sugar Creek WWTP	1/23/01	TRUE	FALSE	200	Briar Creek trib	0	717 Manning Dr	considerably less.
								Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
McAlpine Creek WWTP	1/23/01	TRUE	FALSE	400	McMullen Creek trib	0	5515 Doncaster Dr	considerably less.
								Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
McAlpine Creek WWTP	1/24/01	TRUE	FALSE	500	McAlpine Creek trib	0	3900 River Ridge Rd	considerably less.
								Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
Sugar Creek WWTP	1/27/01	TRUE	FALSE	4600	Briar Creek trib	0	3630 Fontenac Av	considerably less.
								Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
McAlpine Creek WWTP	1/27/01	TRUE	FALSE	500	Campbell Creek trib	0	4700 Old Lantern Wy	considerably less.
								Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
McAlpine Creek WWTP	1/28/01	TRUE	FALSE	4000	Sugar Creek trib	0	2713 Creekbed Ln	considerably less.
								Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
Sugar Creek WWTP	1/30/01	TRUE	FALSE	2650	Briar Creek trib	0	1619 Herrin Av	considerably less.

Total Estimated Gallons = 31,375 January 2001

Collection System Sewage Spills - February 2001

5 "		Sanitary	Pump	Total	2 (11/1)	# Fish		
Permitee	Date	Sewer	Station	Estimate	Surface Water Name	Killed	Street Name	Comments
	0/4/04						.=	Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
Irwin Creek WWTP	2/1/01	TRUE	FALSE	10000	Irwin Creek trib	0	4500 Wynbrook Wy	considerably less.
	0/0/04							Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
McAlpine Creek WWTP	2/2/01	TRUE	FALSE	1000	Sugar Creek Little trib	0	2621 Whiffletree Rd	considerably less.
M. Aleise Occal MAATE	0/0/04	TDUE	E41.0E	400	Manager Country		7000 0 D . D .	Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
McAlpine Creek WWTP	2/2/01	TRUE	FALSE	400	McAlpine Creek trib	0	7238 Swans Run Rd	considerably less.
L. C. O. L. MAATTD	0/0/04	TDUE	E41.0E	0000	1. 1. 0. 1.1		1000 5	Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
Irwin Creek WWTP	2/3/01	TRUE	FALSE	6000	Irwin Creek trib	0	1800 Freedom Dr	considerably less.
Manalaina Casala MAA/TD	0/0/04	TOUE	EAL OF	50	Manalaina Canalataile		44404 Cavilla Ct	Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
McAlpine Creek WWTP	2/3/01	TRUE	FALSE	50	McAlpine Creek trib	0	11101 Sevilla Ct	considerably less.
Manalaina Casala MAA/TD	0/4/04	TOUE	EAL OF	4000	Manalaina Canalataile		7444 0-1-1-1-04	Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
McAlpine Creek WWTP	2/4/01	IRUE	FALSE	1200	McAlpine Creek trib	0	7111 Cedar Lake Ct	considerably less.
O O I MANATED	0/5/04	TDUE	E41.0E	400	0 0 1 1		040 N.T O:	Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
Sugar Creek WWTP	2/5/01	TRUE	FALSE	400	Sugar Creek trib	0	310 N Tryon St	considerably less. Contractor to make the repairs to damaged lines.
McDowell Creek WWTP	0/5/04	TOUE	FALSE	4000	Lange Consolitable		0500 M-D D-	Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
McDowell Creek WWTP	2/5/01	TRUE	FALSE	1000	Long Creek trib	0	9500 McRorie Rd	considerably less. Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
Commercial MANA/TR	2/7/01	TOUE	FALSE	4000	Comman Caracle Anile		300 S Brevard St	
Sugar Creek WWTP	2/1/01	TRUE	FALSE	1000	Sugar Creek trib	0	300 S Brevard St	considerably less.
McDowell Creek WWTP	2/8/01	TDUE	FALSE	400	Mallard Creek trib		1028 Morning Glory Dr	Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be considerably less.
WicDowell Creek WWYTP	2/0/01	IRUE	FALSE	400	Maliard Creek trib	U	1028 Morning Glory Di	Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
McDowell Creek WWTP	2/9/01	TDUE	FALSE	200	Rocky River West Branch trib		210 Lorimer St	considerably less.
WicDowell Creek WWYTP	2/9/01	IRUE	FALSE	200	Rocky River West Branch tilb	U	210 Lonmer St	Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
Mallard Creek WWTP	2/10/01	TDITE	FALSE	2650	Mallard Creek trib	0	2024 Killarney Pl	considerably less.
Maliald Cleek WWTF	2/10/01	INUE	FALSE	2000	Maliard Creek trib	U	2024 Killattley FI	Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
Sugar Creek WWTP	2/13/01	TDITE	FALSE	200	Sugar Creek trib	0	700 Heather Ln	considerably less.
Sugar Creek WWTT	2/13/01	TINOL	IALOL	200	Sugar Creek trib	- 0	700 Heather En	Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
Irwin Creek WWTP	2/14/01	TDIIE	FALSE	18300	Irwin Creek trib	75	300 Orchard Cr	considerably less.
IIWIII CIEEK WWIII	2/14/01	TIXUL	IALOL	10300	IIWIII CIEEK IIID	13	300 Orchard Cr	Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
McAlpine Creek WWTP	2/14/01	TDITE	FALSE	600	Paw Creek trib	0	5238 Freedom Dr	considerably less.
WCAIPINE CIEEK WWTT	2/14/01	TINOL	IALOL	000	r aw Creek trib	- 0	3230 Freedom Di	Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
McAlpine Creek WWTP	2/16/01	TRUE	FALSE	2650	Sugar Creek Big trib	0	10122 Woody Ridge Rd	considerably less.
Wichipine Oreck WWWT	2/10/01	IIIOL	TALOL	2000	Ougai Oreck big trib	- 0	10122 Woody Riage Ra	Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
McAlpine Creek WWTP	2/19/01	TRUE	FALSE	2000	Kings Branch trib	0	440 Tyvola Rd	considerably less.
With a pinto orecik www.ii	2/10/01	IIIOL	TALOL	2000	Tango Branon trib		170 Tyvola Ita	Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
Irwin Creek WWTP	2/20/01	TRUE	FALSE	4150	Taggart Creek trib	0	2828 S I-85 Service Rd	considerably less.
II WIII OICCK VVVVII	2/20/01	TINOL	. ALUL	7130	raggart Orock trib	0	2020 O FOO OCIVIOC IX	Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
Sugar Creek WWTP	2/22/01	TRUF	FALSE	200	Sugar Creek trib	0	4001 N Tryon St	considerably less.
Jugar Orook WWW	2,22,01	TINOL	. ,	200	Caga. Orook trib			Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
McAlpine Creek WWTP	2/24/01	TRUF	FALSE	400	Campbell Creek trib	0	7400 E W T Harris By	considerably less.
apino Orock 1111111	Z/Z-1/01	IIIOL	. / \LOL	100	Campson Crook the			conditionally root.

Total Estimated Gallons = 52,800 February 2001

Spill Report for WWTP's

WWTP	Date	Total Volume of Spill	Amount of Spill to Creek	Fish Kill		Cause
					Wastewater that has had the settable solids removed;then gone through the biological process; prior	
McAlpine Creek WWTP	2/7/01	10000	8000	No	to final clarification of the biomass	The South Plant pipe line feeding the secondary clarifiers failed, causing a spill to the ground
Irwin Creek WWTP	2/9/01	1000	1000	No	Fully Treated without Disinfection	Plant flushing water line broke
Mallard Creek WWTP	2/22/01	13000	13000	No	None	Construction accident at the Influent Pump Station

Total Gallons = 24000 22000 February 2001

Collection System Sewage Spills - March 2001

		Sanitary	Pump	Total		# Fish		
Permitee	Date	Sewer	Station	Estimate	Surface Water Name	Killed	Street Name	Comments
								Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
Sugar Creek WWTP	3/1/01	TRUE	FALSE	6625	Sugar Creek trib	0	900 W Arrowood Rd	considerably less.
								Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
Sugar Creek WWTP	3/6/01	TRUE	FALSE	8300	Sugar Creek Little trib	0	3600 Philemon Av	considerably less.
								Troubleshot on-site portable generator, found that battery charger failed. Used portable charger and truck to charge both batteries simultaneously. Calculated spill volume assumes TOTAL
McAlpine Creek WWTP	3/6/01	FALSE	TRUE	2400	Did not reach surface water.	0	7320 Plott Rd	blockage of pipe line. {On the ground} volume may be considerably
McAlpine Creek WWTP	3/8/01	TRUE	FALSE	1000	Kings Branch trib	0	516 Farmhurst Dr	Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be considerably less.
								Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
McAlpine Creek WWTP	3/8/01	TRUE	FALSE	600	McMullen Creek trib	0	6837 Constitution Ln	considerably less.
								Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
Irwin Creek WWTP	3/10/01	TRUE	FALSE	200	Paw Creek trib	0	6301 Deep Forest Ln	considerably less.
								Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
McAlpine Creek WWTP	3/14/01	TRUE	FALSE	400	McAlpine Creek trib	0	15611 Ballantyne Country Club Dr	considerably less.
								Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
Sugar Creek WWTP	3/17/01	TRUE	FALSE	600	Briar Creek trib	0	2336 Kenmore Av	considerably less.
								Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
McAlpine Creek WWTP	3/19/01	TRUE	FALSE	1700	McMullen Creek trib	0	6909 Riesman Ln	considerably less.
								Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
McDowell Creek WWTP	3/20/01	TRUE	FALSE	9200	Clarks Creek trib	0	111 S Church St	considerably less.
								Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
Mallard Creek WWTP	3/20/01	TRUE	FALSE	2000	Back Creek trib	0	9724 Faires Farm Rd	considerably less.
								Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
Sugar Creek WWTP	3/21/01	TRUE	FALSE	600	Briar Creek trib	0	322 Lamar Av	considerably less.
								Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
Irwin Creek WWTP	3/21/01	TRUE	FALSE	400	Irwin Creek trib	0	4400 Yancey Rd	considerably less.
								Excessive inflow & infiltration in gravity system. Lift station could not keep up with influent flow during rain events. Calculated spill volume assumes TOTAL blockage of pipe line. (On the ground)
McDowell Creek WWTP	3/21/01	FALSE	TRUF	7500	South Prong Clark Creek trib	0	14201 Old Vermillion Dr	volume may be considerably less.
MODOWON CICCK VVVII	0/21/01	TALOL	IIIOL	7000	Court Tong Clark Crock the		14201 Old Verrillineri Bi	Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
Mallard Creek WWTP	3/22/01	TRUE	FALSE	3000	Toby Creek trib	0	8800 University City Bv	considerably less.
Manara Orock WWTT	0/22/01	IIIOL	TALOL	0000	roby creek trib		COCC CHIVETONY City EV	Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
Sugar Creek WWTP	3/23/01	TRUE	FALSE	4150	Sugar Creek trib	0	5809 Nations Ford Rd	considerably less.
	3,20,01				ougu. o.co aib		occontations of the	Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
Sugar Creek WWTP	3/28/01	TRUE	FALSE	100	Sugar Creek Little trib	0	237 Wakefield Dr	considerably less.
Cagai Olook IIIIII	3/ 2 0/ 0 1	TINGE	. , , , , ,	100	Caga. Orook Elitio trib		zeaxonoid bi	Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
McAlpine Creek WWTP	3/30/01	TRUF	FALSE	22500	Six Mile Creek trib	0	1234 Marvin Rd	considerably less. Called Joe Ferris with SC DHEC @ 803 285 7464.
	3/33/31	IIIOL	. / \LUL	22000	C.X. IIIIO OTOOK UID		.20	contracting, took, Canad Goot office with Good Pile Co.

Total Estimated Gallons = 71,275 March 2001

Spill Report for WWTP's

				Fish		
WWTP	Date	Total Volume of Spill	Amount of Spill to Creek	Kill	Level of Treatment	Cause
Sugar Creek WWTP	3/29/01	32000	32000	No	None	Heavy Rain Event

Total Gallons = 32000 March 2001

Collection System Sewage Spills - April 2001

	Start	Sanitary	Pump	Total		# Fish		
Permitee	Date	Sewer	Station	Estimate	Surface Water Name	Killed	Street Name	Comments
Sugar Creek WWTP	4/2/01	TRUE	FALSE	5312	Little Hope Creek trib	0	1214 Montford Dr	Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be considerably less.
McAlpine Creek WWTP	4/2/01	TRUE	FALSE	5300	Campbell Creek	0	9120 E W T Harris Bv	Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be considerably less.
McAlpine Creek WWTP	4/2/01	TRUE	FALSE	600	Sugar Creek Little trib	0	10724 Park Rd	Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be considerably less.
Sugar Creek WWTP	4/4/01		FALSE	2650	Sugar Creek Little trib	0	5632 Alanhurst Ln	Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be considerably less.
McAlpine Creek WWTP	4/4/01		FALSE	600	McAlpine Creek trib		7504 Valleybrook Rd	Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be considerably less.
WICAIPINE CIEEK WWWTF	4/4/01	IINOL	IALGE	000	MCAIDINE CIEEK IND	- 0	7304 Valleyblook Nu	Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
Irwin Creek WWTP	4/5/01	TRUE	FALSE	400	Sugar Creek Little trib	0	1100 S Kings Dr	considerably less.
	4/5/04	TDUE					75041/	Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
McAlpine Creek WWTP	4/5/01	IRUE	FALSE	600	McAlpine Creek trib	0	7504 Valleybrook Rd	considerably less.
McDowell Creek WWTP	4/6/01	TRUE	FALSE	100	Long Creek trib	0	2200 Shalimar Dr	Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be considerably less.
WODOWCII OTCCK WWTT	4,0,01	IIIOL	TALOL	100	Long Greek trib		ZZOO GRAIIITIAI DI	Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
Sugar Creek WWTP	4/7/01	TRUE	FALSE	400	Dairy Branch trib	0	500 E Tremont Av	considerably less.
								Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
Irwin Creek WWTP	4/7/01	TRUE	FALSE	50	Sugar Creek trib	0	1308 Squirrel Hill Rd	considerably less.
								Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
Irwin Creek WWTP	4/7/01	TRUE	FALSE	800	Stewart Creek trib	0	2343 Crestview Dr	considerably less.
McAlpine Creek WWTP	4/8/01	TRUE	FALSE	1200	Irwin Creek trib	0	5615 Southampton Rd	Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be considerably less.
								Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
McAlpine Creek WWTP	4/8/01	TRUE	FALSE	200	Sugar Creek trib	0	6531 Glenridge Rd	considerably less.
Malland One als MAA/TD	4/0/04	TDUE	E41.0E	0075	Taka Osa ala tela		000 M/M/T/II	Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
Mallard Creek WWTP	4/9/01	IRUE	FALSE	3975	Toby Creek trib	0	800 W W T Harris Bv	considerably less. Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
Irwin Creek WWTP	4/10/01	TRUE	FALSE	2650	Irwin Creek trib	0	300 N Clarkson St	considerably less. Main line has been scheduled to be relayed.
II WIII OI COR TTTTI	4/10/01	IIIOL	TALOL	2000	II WIII CI COR LID		OCO 14 Charlesoff Ct	Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
McAlpine Creek WWTP	4/12/01	TRUE	FALSE	900	Six Mile Creek trib	0	1234 Marvin Rd	considerably less. Also notified Al Williams with SC DHEC @ 803 285 7464.
								Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
Irwin Creek WWTP	4/12/01	TRUE	FALSE	1000	Irwin Creek trib	0	2600 Christie St	considerably less.
								Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
Sugar Creek WWTP	4/12/01	TRUE	FALSE	400	Briar Creek trib	0	3753 Delgany Dr	considerably less.
	4/40/04	TDUE	E41.0E	4450	5			Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
Mallard Creek WWTP	4/13/01	IRUE	FALSE	4150	Doby Creek trib	0	7920 Neal Rd	considerably less.
McAlpine Creek WWTP	4/21/01	TRUE	FALSE	80	McAlpine Creek trib	0	726 Trail Ridge Rd	Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be considerably less.
							Ü	Contractor hit force main while excavating. Calculated spill volume assumes TOTAL blockage of
								pipe line. {On the ground} volume may be considerably less. Contractor made repairs: Osborne
McAlpine Creek WWTP	4/23/01	FALSE	TRUE	11968	Did not reach surface water.	0	13502 O'Toole Ln	Utility Construction. Hwy 218 Fairview Rd, Mint Hill, NC. PO B
								Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
Sugar Creek WWTP	4/24/01	TRUE	FALSE	40950	Sugar Creek Little trib	0	400 E Trade St	considerably less.
M- M- O I- MAATTO	4/05/04	TDI "	E41.05	000	Man Madlana One alla tella		0007 Jahanan Oalaa La	Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
McAlpine Creek WWTP	4/25/01	IKUE	FALSE	600	McMullen Creek trib	0	3207 Johnny Cake Ln	considerably less.

Total Estimated Gallons = 84,885 April 2001

Spill Report for WWTP's

				Fish		
WWTP	Date	Total Volume of Spill	Amount of Spill to Creek	Kill	Level of Treatment	Cause
Sugar Creek WWTP	4/20/01	50	0	No	Fully Treated without Disinfection	Construction Accident

Total Gallons = 50 0 April 2001

Collection System Sewage Spills - May 2001

	Start	Sanitary	Pump	Total		# Fish		
Permitee	Date	Sewer	Station	Estimate	Surface Water Name	Killed	Street Name	Comments
								Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
McAlpine Creek WWTP	5/1/01	TRUE	FALSE	700	McMullen Creek trib	0	4242 Denbigh Dr	considerably less.
								Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
Sugar Creek WWTP	5/3/01	TRUE	FALSE	400	Briar Creek trib	0	1324 Carolyn Dr	considerably less.
McAlpine Creek WWTP	5/5/01	TRUE	FALSE	22875	McAlpine Creek trib	130	11006 Stonepath Ln	Approximately half of total spill - 11,437 gallons - reached the creek.
								Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
Sugar Creek WWTP	5/9/01	TRUE	FALSE	0	Sugar Creek trib	0	5418 Wedgewood Dr	considerably less.
								Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
Sugar Creek WWTP	5/11/01	TRUE	FALSE	975	Sugar Creek trib	0	601 Dobson Ct	considerably less.
								Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
Mallard Creek WWTP	5/12/01	TRUE	FALSE	11413	Doby Creek trib	0	7400 Neal Rd	considerably less.
								Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
Irwin Creek WWTP	5/13/01	TRUE	FALSE	200	Stewart Creek trib	0	3800 Alabama Av	considerably less.
								Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
Irwin Creek WWTP	5/15/01	TRUE	FALSE	1600	Irwin Creek trib	0	2420 Starita Rd	considerably less.
McAlpine Creek WWTP	5/16/01	TRUE	FALSE	150	McAlpine Creek trib	0	4021 Churchill Rd	Not a running creek, can not be tested.
								Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
McAlpine Creek WWTP	5/21/01	TRUE	FALSE	200	Briar Creek trib	0	2050 Stonebridge Ln	considerably less.

Total Estimated Gallons = 38,513 May 2001

Spill Report for WWTP's

	_			Fish		
WWTP	Date	Total Volume of Spill	Amount of Spill to Creek	Kill	Level of Treatment	Cause
					Fully Treated Wastewater prior to	
Sugar Creek WWTP	5/18/01	500	10	No	Dechlorination	Construction Accident
					Water removed from the Dewatering	
Irwin Creek WWTP	5/24/01	1000	0	No	Process	The belt press equalization tank leaked

Total Gallons = 1500 10 May 2001

Collection System Sewage Spills - June 2001

	Start	Sanitary	Pump	Total		# Fish		
Permitee	Date	Sewer	Station	Estimate	Surface Water Name	Killed	Street Name	Comments
								Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
Irwin Creek WWTP	6/3/01	TRUE	FALSE	800	Stewart Creek trib	0	2921 Marlborough Rd	considerably less.
								Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
Irwin Creek WWTP	6/4/01	TRUE	FALSE	600	Taggart Creek trib	0	4741 Eleanor Dr	considerably less.
								Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
Sugar Creek WWTP	6/5/01	TRUE	FALSE	400	Kings Branch trib	0	6101 Kenley Ln	considerably less.
								Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
McAlpine Creek WWTP	6/7/01	TRUE	FALSE	1700	McAlpine Creek trib	0	624 Vista Grande Cr	considerably less.
								Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
McAlpine Creek WWTP	6/7/01	TRUE	FALSE	8040	McAlpine Creek trib	0	8600 McAlpine Park Dr	considerably less.
								Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
McAlpine Creek WWTP	6/8/01	TRUE	FALSE	400	Long Creek trib	0	6822 David Av	considerably less.
								Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
McAlpine Creek WWTP	6/11/01	TRUE	FALSE	600	McAlpine Creek trib	0	9010 Monroe Rd	considerably less.
								Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
McAlpine Creek WWTP	6/13/01	TRUE	FALSE	215800	Steele Creek trib	26	12455 General Dr	considerably less. We contacted SCDEHC @ 803-898-3432.
								Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
Irwin Creek WWTP	6/14/01	TRUE	FALSE	400	Irwin Creek trib	0	142 Frazier Av	considerably less.
								Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
Irwin Creek WWTP	6/20/01	TRUE	FALSE	200	Irwin Creek trib	0	600 Blackmon St	considerably less.
								Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
McAlpine Creek WWTP	6/21/01	TRUE	FALSE	8775	McAlpine Creek trib	0	5742 Old Meadow Rd	considerably less.
			_				_	Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
Sugar Creek WWTP	6/22/01	TRUE	FALSE	400	Sugar Creek Little trib	0	3033 Cambridge Rd	considerably less.
							_	Calculated spill volume assumes TOTAL blockage of pipe line. {On the ground} volume may be
McAlpine Creek WWTP	6/25/01	TRUE	FALSE	600	McAlpine Creek trib	0	730 Sardis Ln	considerably less.

Total Estimated Gallons = 238,715 June 2001

Spill Report for WWTP's

				Fish		
WWTP	Date	Total Volume of Spill	Amount of Spill to Creek	Kill	Level of Treatment	Cause
Mallard Creek WWTP	6/28/01	52083	500	No	None	Automatic Bar Screens failed causing the screens to blind and then overflow

Total Gallons = 52083 500 June 2001